RSR HIGH VOLTAGE PROBE

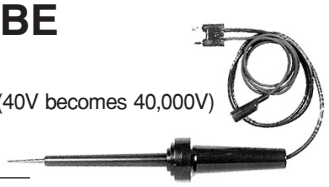
MODEL HVP40

- 40,000 volts max DC.
- 28,000 volts max AC (50/60 Hz).
- 1,000M input impedance.
- Accuracy DC: 1% to 20KV; 2% to 40KV
  AC: 5% to 10% (50/60 Hz)
- Division ratio 1,000:1
- For 10M ohm input impedance DMM (Accuracy <0.5%) only

Part No. 01HVP40 • Price $57.00

BK PRECISION HIGH-VOLTAGE MULTIPLIER PROBE

MODEL PR-28A



- Multiplies instrument ranges by 1,000 (40V becomes 40,000V)
- PR-28 for use with high impedance (10MΩ or greater) voltmeter

Part No. 01PR28 • Price: $62.00

BK PRECISION HIGH VOLTAGE PROBE METER

MODEL HV44A

Offers extreme reliability and user safety. Measures voltage up to 40,000 VDC. Factory calibrated at 25KV (+2%). Full scale +3% accuracy. Supplied with two tips. Positive polarity only – Not for microwave ovens. Carrying case (LC-32) optional.

Part No. 01HV44 • Price: $119.00

RSR LOGIC PULSER

MODEL 620

The LP620 logic pulser is an invaluable tool for the troubleshooting and inspection of circuits. It is used to inject a signal directly into a logic circuit without removing components. This pulser is circuit powered and has a switchable output of .5 or 400 Hz at 100 mA.

Part No.	1-9	10+
01LP620	$16.50	$15.50

RSR LOGIC PULSER

- 9 Selectable Frequency Pulse Output
- Handy Quick & Easy to use
- Accurate Time Base Generator
- LED Operation Indication
- Open Collector Output
- Compact for In-Circuit and Outdoor Trouble Shooting

Part No. 01DPSJ • Price: $12.50

BK PRECISION DIGITAL LOGIC PROBE

MODEL DP 21

Tests TTL, and CMOS Displays pulse presence and logic states Memory mode "freezes" pulse display Catches pulses to 30ns or pulse trains to 20MHz 1 Minput impedance

Part No. 01DP21 • Price: $37.00

RSR LOGIC PROBE

MODEL 610B/611

The LP610 logic probe is designed for troubleshooting fast logic circuits. It features TTL and CMOS compatibility, switch-selectable pulse detection or pulse memory function, LED indicators for Hi, Low, and Pulse/Memory, minimum pulse width detection of 30 nanoseconds and a maximum input frequency of 20MHz. This unit is circuit powered.

Part No.	Description	1-9	10+
01LP610	With Beeper	$16.95	$16.50
01LP611	Without Beeper	15.95	14.50
01TIPLP	Tip for 610/611	0.95	0.85

RSR LOGIC PROBE

- For DTL, TTL and CMOS testing
- Handy Quick & Easy to use
- High Frequency Response
- Instant Indication
- With Pulse Memory Function

Part No. 01LPPRO1 • Price: $11.95

BK PRECISION 50 MHZ LOGIC PROBE

MODEL DP 52

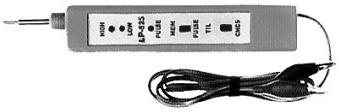
Tests TTL and CMOS Displays
DC to 50 MHz Detects 10ns pulse width Overload protected

Part No. 01DP52 • Price: $48.00

LOGIC PROBE

AVAILABLE AS KIT ONLY

MODEL LP525K



Handy for troubleshooting TTL/LS and CMOS/MOS digital circuits. Color codes LEDs indicate high, low or pulsed logic states (up to 20MHz). Tone output-high, low or both. Detectable pulse width: longer than 30ns.

Part No. 01LP525K (Kit) • Price: $12.50

RSR LOGIC PROBE AND PULSER COMBO

50MHZ – *MODEL 625*

Logic probe and pulser in one, simplifies troubleshooting digital circuits. Max. input signal frequency: 50 mHz, input impedance: 120KΩ; minimum detectable pulse width: 10 nanosecond; pulser: sync. input impedance 1 MΩ; pulse rate: switchable .5pps or 400pps; pulse width: 10 sec.

Part No.	1-9	10+
01LP625	$23.95	$19.50

BK PRECISION LOGIC PULSER PROBE

MODEL DP 31A

- For TTL, and CMOS
- Produces 10mS pulse signals at 100mA
- External square wave terminal
- Sync input terminal
- 0.5pps/400pps Pulse repetition Rate

Part No. 01DP31• Price: $37.00

VOM / ANALOG MULTIMETER

RSR ANALOG MULTIMETER KIT

MODEL AMK200

A quality, high performance meter at an affordable price. This meter is available in kit form.

AMK-200 Kit

SPECIFICATIONS:

DC Volts: 0 to 2.5V, 10V, 50V, 250V, 1,000V.
AC Volts: 0 to 10V, 50V, 250V, 1,000V.
DC Current: 0 to 5mA, 50mA, 500mA, 10A.
Resistance: X1, x10, X1K.
Sensitivity: 20,000 ohm/V DC and 8,000 ohm/V AC.

Part No.	Description	1-9	10+
01AMK200	Meter Kit	18.95	17.95
01MM200	Meter Movement For AMK200	9.95	8.95

RSR ANALOG & DIGITAL MULTIMETER

MODEL 7030

Experience the convenience of having the accuracy of a digital display, plus the ability to measure varying voltages with the analog needle. Includes test leads, 9V battery, protective holster and user manual.

- Two meters in one – true Analog (needle/pointer,NOT bar graph) and digital Readout
- 1.5V and 9V battery test
- All range fused, zero adjustment, diode test and continuity buzzer
- **AC & DC Volt:** 0~600V, 5 ranges. 200mv/2V/20V/200V/600V
- **AC & DC Current:** 0~10A, 5 ranges. 200uA/2,000mA/20,000mA/200mA/10A
- **Resistance:** 0~20M, 6 ranges. 200 ohm/2K/20K/200K/2M/20M
- **Size** (mm): 190 W x 108 H x 50 D
- **Weight:** 1 lb. 2 oz

Part No.	
01AMDM7030	$39.95

RSR ANALOG METER

MODEL YX360TRB

- Excellent DC resolution factor of 2mV and expanded resistance measurement for 0.2Ω–20MΩ.
- A large and bright meter with a scale length of 80mm and its sensitivity of 44 A at full scale.
- Fuse and diode protection.
- Measures hFE to 1000 using transistor testing socket.
- **DC Voltage**: 0.1/0.5/2.5/10/50/250/1000V (20KΩ/V) 3% f.s.
- **AC Voltage**: 10/50/250/1000V (9KΩ/V) 4% f.s.
- **DC Current**: 50 /22.5m/25m/250mA 3% f.s.
- **Resistance:** 2K/20K/200K/2M/20mΩMAX 3% of arc.
- **dB**: –10~62dB.
- **Power Source**: (9V) X 1, (1.5V) X2
- **Dimensions/Weight:** 6" x 1 1/4" x 4" / 9 oz.

Part No.	1-9	10+
01AM360TRB	$12.95	$11.95

RSR ANALOG METER

Best Value!

MODEL 7050

- 7 functions 20 ranges.
- High sensitivity and accuracy.
- **DC Voltage**: 0~0.1/2.5/25/250/500V (20KΩ/V) 3% f.s.
- **AC Voltage**: 0~10/50/250/500V (9kΩ/V) 4% f.s.
- **DC Current:** 0~50 /5m/50m/500m/10A 3% f.s.
- **Resistance**: 0~2K/20K/200K/2M/20MΩ 3% full arc (Arc length: 75.3mm)
- **Continuity Buzzer**: R X 1 range 0~30Ω sound.
- **Battery Test**: 1.5V (150mA)/9V (10mA)
- **Decibel**: –10 ~56 dB (0dB: 0.775V 1mW 600Ω).
- **Power Source:** 9V X 1, 1.5V X 2
- **Fuse**: 0.5A/250V 5 X 20mm fast acting 10A/250V 5 X 20mm fast acting.
- **Size**: 7.5" x 4.3" x 2" (including holster); **Weight**: 1 lb.

Part No.	1-9	10+
01AMA7050	$22.95	$21.95

Simpson VOM *MODEL 260-8*

High quality. 27 ranges. Rugged Taut-band meter movement. Varistor protected. Complete with test leads and manual. Size: 5 1/4" x 7" x 3 1/8"

SPECIFICATIONS:

DC Volts: 0-0.25, 1, 2.5, 10, 50, 250, 500,1000
AC Volts: 0-0.25,10, 50, 250, 500, 1000
DC mA: 0-1, 10, 100, 500 and 10A
db Scale: 20 to +-50
Resistance: R x 1(0-2K); R x 100 (0-200K); R x 10K (0-20M)

MODEL 260-8P

Has all the features of Model 260-8 and in addition includes a reset push button for overload and mirrored scale.

Part No.	Price
01260-8	$265.00
01260-8P	345.00

CASES FOR VOM

Part No.	Description	Price
0100832	Grab-N-Go (Padded Nylon)	$67.95
0100805	Leather-Like	83.95
0145028	Molded Plastic	94.50
0100248	Roll Top	72.95

ELENCO™ ANALOG METER KIT / ASSEMBLED

MODEL 1250

- 3 1/2" movement; mirrored scale; audible continuity; db scale; battery test
- Checks transistors / diodes
- 23 ranges, 20,000 Ω/v

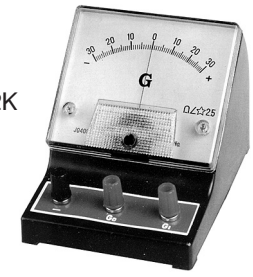
SPECIFICATIONS

DC Volts:	.1, .5, 2.5, 10, 50, 250, 1000
AC Volts:	10, 50, 250, 1KV
DC Current:	50 A, 2.5mA, 25mA, 250mA 10A
Resistance:	x1, x10, x100, x1K, x10K
Accessories:	Test Leads, Manual, 9V and (2) 1.5 AA Batteries Included
Weight:	10 oz.

Part No.	Description	Price
01AM1250K	Kit	$25.95
01AM1250	Assembled	24.50

RSR SENSITIVE GALVANOMETER

EDUCATION METER SERIES



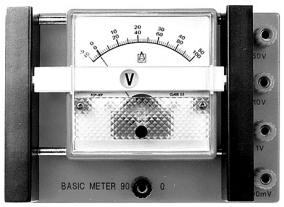
- **Range:** –300 A to 300 A or –500 A to 500 A
- **Internal Resistance:** 80–125Ω / 2.4–3K or 40–80Ω / 1.5–2K
- **Weight:** 0.35 lb.

Designed to measure weak current or the potential difference in DC circuit. It may be used in experiments on bridge measurement, thermocouple, electro-magnetic induction and photoelectric effect etc.

Part No.	Description	1-9	10+
01SM1102	Gal. –300 A to +300 A	$9.90	$8.90
01GAL500UA	Gal. –500 A to +500 A	9.50	8.95

RSR METER MOVEMENT
MULTIFUNCTION

EDUCATION METER SERIES



- **DC Voltage Range:** 0-100mv – 1v – 10v – 50v
- **DC Current Range:** 0-100 A – 100mA – 1A – 5A
- **Sensitivity:** DC 10KΩ/V
- **ACCURACY:**
  DC Voltage: 2.5% of full scale
  DC Current: 2.5% of full scale
- **Weight:** 0.8 lbs.

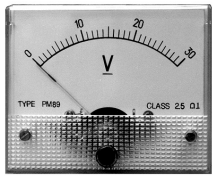
Part No.	Price
01KAL41	$13.75

TRIPLETT CORPORATION
PORTABLE INSTRUMENTS

- Ideal for schools, labs and other basic monitoring needs.
- Wide, clear view plastic 3½".
- AC iron vane types are true RMS
- 2% accuracy on DC and AC iron vane type
- 3% accuracy on AC rectifier type and ohms
- 3% accuracy on temperature.
- AC iron vane type and ohm meter type movements are fuse protected.
- Durable molded plastic case.

Part No	Description	Price
01TR3500	0-1-5-25 Volts DC	$104.00
01TR3501	0-25-100-500 Volts DC	104.00
01TR3541	0-5-25 V AC, Iron Vane Type	133.00
01TR3543	0-150 V AC, Iron Vane Type	125.00

RSR METER MOVEMENTS
PANEL MOUNT AMMETER; VOLTMETER



Molded; transparent face. 5% tolerance. Panel mounting. Hole: 2⅜" dia.

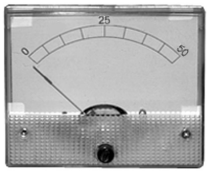
Part No.	Description	1-9	10+
01MAMO-50U	0-50 A DC Amp Meter	$10.95	$9.95
01MAMO-100U	0-100 A DC Amp Meter	10.95	$9.95
01MAMO-1	0-1mA DC Amp Meter	10.95	9.95
01MAMO-50	0-50mA DC Amp Meter	10.95	9.95
01MAMO-100	0-100mA DC Amp Meter	10.95	9.95
01MAMO-500	0-500mA DC Amp	10.95	9.95
01MAMO-1000	0-1A DC Amp Meter	10.95	9.95
01MAMO-5000	0-5A DC Amp Meter	10.95	9.95
01MAMO-10000	0-10A DC Amp Meter	10.95	9.95
01DVMO-10	0-10V DC Volt Meter	10.25	9.25
01DVMO-15	0-15V DC Volt	10.25	9.25
01DVMO-30	0-30V DC Volt Meter	10.25	9.25
01DVMO-100	0-100V DC Volt Meter	10.25	9.25
01AVMO-150	0-150V AC Volt Meter	10.25	9.25
01AVMO-300	0-300V AC Volt Meter	10.25	9.25

RSR METER MOVEMENTS
EDUCATION METER SERIES
AMMETER; VOLTMETER

Accuracy: 5% full scale

Part No.	Description	1-9	10+
01SM1105	Voltmeter –1 to +3V or –5 to +15V	$9.95	$8.95
01SMAC15	Voltmeter AC; 0 to 3 or 0 to 15V	9.95	8.95
01SM1106	Ammeter DC, 0-200 A	9.95	8.95
01SM1107A	Ammeter DC; 0–100mA	9.95	8.95
01SM1107B	Ammeter DC, 0–500mA	9.95	8.95

RSR METER MOVEMENT
AMMETER DC



- **Range:** 0-50 A
- **Resolution:** 1 A
- **Dimension:** 80 x 80 x 45mm
- **Weight:** 0.154 lbs.

Part No.	1-9	10+
01DK80	$8.25	$7.50

BATTERY TESTER
POCKET SIZE

- Can test AA, AAA, C, D, 9V, Button, hearing aid batteries
- Size: 90 x 60 x 32mm
- Wt.: 100gm

Part No. 01SPBT • Price: $5.95

RSR LCR METER

Best Value!

- Measures inductance, capacitance and resistance
- Handheld with low power consumption
- 5 digits display
- **Test Parameters:** L/Q, C/D, R/Q, Z/Q
- **Test Frequencies:** 100Hz, 120Hz, 1KHz
- **Test Level:** 0.3Vrms
- **Range:**
  L – 1 H to 9999H @ 100/120Hz
  L – .1 H to 999.9H @ 1KHz
  C – 1p to 9999 f @ 100/120Hz
  – .1p to 999.9 f @ 1KHz
- **Power Supply:** 9V battery or 12V adapter
- **Weight:** 1 lb.

Part No. 01LCR2821 • Price $275.00

EXTECH INSTRUMENTS LCR METER WITH PC INTERFACE

Measures inductance, capacitance and resistance with secondary parameters (Q, D, R).

- Set Hi/Lo limits using absolute value or % limits
- Parallel or series equivalent circuit
- Max/Min/Avg recording
- Open and short zero removes unwanted stray impedances
- Built-in RS-232 with Windows® software
- Complete with test leads, alligator clips, 9V battery and holster and cable

Part No.	Description	Price
01EX380193	380193 LCR Unit	$219.99

IntelliTweeze® RECHARGEABLE SMD TESTER

RECHARGEABLE R-C-L TweezerMeter™ IntelliTweeze™ is an R-L-C meter in a tweezer for measuring surface mount chip caps, chip resistors and inductors. An exciting answer to the old problem of identifying, testing and troubleshooting SMD components.

- Measures Resistance, Capacitance, and Inductance
- Measures Continuity
- Measures Diode Polarity

The new updated 2012 model of the IntelliTweeze® is available now.

FEATURES:
- Improved LiPO battery
- USB/Wall adaptor (included)
- Carrying case.
- 1 year warranty.
- Made in Canada.

SPECIFICATIONS
- Resistance Range: 0.05 to 9.9 M Ohm Precision: up to 0.2%
- Capacitance Range: 0.5 pF to 4999 mF Precision: up to 0.2%
- Inductance Range: 0.5 uH to 999 mH Precision: up to 0.5%
- Quality factor Q Range: 0.001 to 1000
- Dissipation factor D Range: 0.001 to 1000

Part No. 01TM500 • Price: $395.00

RSR SMD TESTER FOR RESISTORS & CAPACITORS

Model MS8910

This digital tweezer/tester makes it easy to test tiny surface mount resistors and capacitors. Precise tips made of non-magnetic steel are able to pick and test even the smallest SMD components. It can also test regular components where leads may be too short to insert into test terminals.

- Auto power off
- Low battery indicator
- Built-in high-precision R/C probe
- Ideal for Surface Mount Devices
- Weight: 5.0 oz.

Part No.	Description	Price
01DMMS8910	Digital Tweezer Tester for resistance and capacitance	$29.95

EXTECH INSTRUMENTS TWEEZER COMPONENT TESTER

MODEL RC100

- One hand operation for fast, precise measurement
- 4000 count LCD
- Measures resistance, capacitance, and diode test
- Relative mode for zero or user supplied reference
- Overrange and low battery indicators
- Auto Power off

Part No. 01EXRC100 • Price: $69.95

EXTECH INSTRUMENTS TWEEZER TESTER WITH MULTIMETER

MODEL RC200

- Interchangeable test leads for voltage and SMD tweezers for fast precise identification and measurement
- 6000 count LCD
- Measures AC/DC Voltage, Resistance, Capacitance, Continuity and Diode test
- Auto/manual ranging
- Overange and low battery indicators
- Auto Power off
- Complete with two AG13/LR44 batteries, test leads, SMD tweezers, and carrying case

Part No. 01EXRC200 • Price: $74.99

RSR CAPACITANCE METER

Best Value!

MODEL MY6013

- 3 1/2 digit LCD display.
- Nine ranges from 200pf to 20,000 F.
- External zero adjustment knob.
- **Size**: 3.6" x 7.4" x 1.3"
- **Weight**: 8 oz.

Part No. 01MY6013 • Price: $37.95

BK PRECISION LCR METER

MODEL 875B

- Measures capacitance – 0.1pf to 20,000 F with 1% accuracy up to 200 F and 2% after that
- Measures inductance – 0.1h to 200H; accuracy 2%
- Measures dissipation factor of caps and "Q" of inductor
- Measures resistance – 1 milli Ω to 20MΩ
- 3 1/2 digit LCD
- Low battery and overload indicator

Part No.	Price
01CT875B	$225.00
01TL8	26.00

Opt. SMD Probe

BK PRECISION LCR BRIDGE

DUAL DISPLAY HAND-HELD

4□ DIGIT DISPLAY WITH AUTO RANGING AND USB INTERFACE

Models 878B / 879B

- Measures capacitance, resistance and inductance.
- In circuit mode (Model 879B only)
- Components can be measured with selectable test frequencies in series or parallel mode.
- Measures dissipation factor of capacitors "D" and "Q" of inductors.
- Remembers minimum and maximum values.
- Excellent for sorting parts in engineering, QC or production. Keeps running average of tested components.
- Selectable test frequencies 100Hz, 120Hz, 1KHz, 10KHz, (120Hz and 10KHz Model 878B)
- Relative mode
- Backlight (Model 879B)
- Accessories: Alligator clip leads, 9V battery, USB cable
- AC Adaptor included (879B Only)
- Capacitance: Up to 20mF
- Resistance: Up to 10M Ohm
- Inductance: Up to 1000H
- Dimensions: 7.2" (L), 3.4" (W), 1.6" (H) Weight: 10.725 lbs.

Part No.	Description	Price
01BK878	Model 878B	$249.00
01BK879	Model 879B	299.00

RSR LCR METER

Best Value!

- Measures inductance, capacitance and resistance
- Handheld with low power consumption
- 5 digits display
- **Test Parameters:** L/Q, C/D, R/Q, Z/Q
- **Test Frequencies:** 100Hz, 120Hz, 1KHz
- **Test Level:** 0.3Vrms
- **Range:**
  L – 1 H to 9999H @ 100/120Hz
  L – .1 H to 999.9H @ 1KHz
  C – 1p to 9999 f @ 100/120Hz
  – .1p to 999.9 f @ 1KHz
- **Power Supply:** 9V battery or 12V adapter
- **Weight:** 1 lb.

Part No. 01LCR2821 • Price $275.00

BK PRECISION IN-CIRCUIT ESR & DCR CAPACITOR TESTER

MODEL 881

The 881 is a portable In-Circuit ESR meter that measures the equivalent series resistance of electrolytic caps in or out of circuit. It also measures low value non-inductive resistors.

FEATURES:

- ESR from 0.1 ~ 30 ohm
- Tricolor chart shows ESR readings of Good, Fair, and Bad
- DCR from 0.1 to 30 ohm
- 15 mVp-p output test voltage (will not turn on any solid state devices)
- Comes complete with one-handed tweezer test probe

Part No.	Description	Price
01BK881	Model 881 In-Circuit Cap Analyzer	$210.00

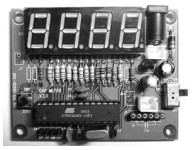
RSR LCR METER WITH PC INTERFACE

Measures inductance, capacitance and resistance with secondary parameters (Q, D, R).

- Set Hi/Lo limits using absolute value or % limits
- Parallel or series equivalent circuit
- Mix/Max/Avg recording
- Open and short zero removes unwanted stray impedances
- Built-in RS-232 with Windows software
- Complete with test leads, alligator clips, 9V battery and holster and cable

Part No.	Description	Price
01EX380193	380193 LCR Unit	$219.99

CAPACITANCE METER KIT



You will have your own capacitance meter after successful completion of this project.

- Range: 1pf – 500 F
- About 1% accuracy
- Automatic range switch
- Zeroing available
- Real time serial output of measurement read-outs with time stamp
- Low cost and easy to build
- 8 to 16V DC power supply required *(but not included))*
- **Size:** 3" x 2.3" x 0.6"; **Wt:** 1.5 oz.

Part No.	Description	Price
32JYE06001	Cap. Kit	$13.95
32JYE06002	Cap. Meter Assembled	15.95
16D9500MA	9V DC Adapter	4.75

GW INSTEK PRECISION LCR METERS

MODEL LCR816

- 0.2% accuracy
- 100Hz ~ 2 KHz
- 100 memory sets for setup save/recall
- Absolute value, Δ value and Δ% measurement display
- 240 x 128 back-lit LCD display
- Test condition and result displayed simultaneously
- Probe set included
- Display range:

R	0.00000Ω ~ 99999KΩ
C	0.00000pF ~ 99999 F
L	0.00000mH ~ 99999H
Q	0.0000 ~ 9999
D	0.0000 ~ 9999

Part No.	Description	Price
01LCR816	LCR Meter	$855.00
01LCR05	Radial Lead Test Fixture	189.00
01LCR08	SMD Test Fixture	235.00

BK PRECISION LCR / ESR METER

IN-CIRCUIT; SYNTHESIZED

MODEL 885

SMD Probe Included

This meter is the first handheld meter of this type on the market, with a wide range of test frequencies up to 10KHz and many measurement parameters including Z, L, C, DCR, ESR, D, Q and ∅ as well. The 885 is designed for both component evaluation on the production line and fundamental impedance testing for bench-top applications. With a built-in direct test fixture, you can test the lead components very easily. The optional 4-wire test clip can give a convenient connection to larger components and assemblies with the accuracy of 4-wire testing.

FEATURES:

- Measurement parameters: Z, L, C, DCR, ESR, D,Q, and Ø
- Test conditions: 100Hz, 120Hz, 1KHz, 10KHz, 1Vrms, 0.25Vrms, 0.05Vrms
- 0.5% basic accuracy
- Dual LCD display
- SMD surface mount tweezer probe included
- Very quick response, user friendly
- Fully auto/manual selection
- DC resistance measurement
- Rechargeable battery / AC powered
- Infrared RS-232 interface capability

SOFTWARE FEATURES:

- Go-No Go testing (component sorting)
- Remote bin (component grading)
- Remote operation

Part No.	Description	Price
01BK885	LCR/ESR Meter	$595.00
01BKTL08C	Test Clip - 4 Wire	83.00

BK PRECISION CAP METER

PROGRAMMABLE – *MODEL 890B*

The Model 890B Capacitance Meter features a large 4 1/2 LCD with dual display, 11,000 counts resolution, and 9 automatically selected ranges with full scale value from 1.0pF to 50mF. Designed to meet the latest international safety standards, the meter's dedicated chip and microprocessor allow programmable high/low limits or pre-programmed standard capacitor tolerances, making it ideal for measuring values, inspection, sorting capacitors and testing capacitors against standard tolerances. Optional software and cabling is available for PC based data logging and monitoring.

- Dual display simultaneously displays value and deviation from selected tolerance
- Sort on preset tolerance of 1, 5, 10%
- Program unique values to sort for specific circuit applications
- USB PC interface for data logging software available

Part No.	Description	Price
01CT890	Capacitance Sorting Meter	$149.00

BK PRECISION CAPACITANCE METER – *MODEL 810C*

- 3 1/2 digit LCD display
- Nine ranges from 200 pF to 20,000 F
- 0.1 pF resolution
- Low battery and over-range indicator

Part No. 01CT810 • Price: $85.00

BK PRECISION CAPACITANCE METER

AUTO RANGING, PROGRAMMABLE–*MODEL 830B*

The Model 830B Capacitance Meter features a large 4 1/2 LCD with dual display, 11,000 counts resolution, and 9 automatically selected ranges with full scale value from 1.0pF to 199.99mF. Designed to meet the latest international safety standards, the meter's dedicated chip and microprocessor allow programmable high/low limits or pre-programmed standard capacitor tolerances, making it ideal for measuring values, inspection, sorting capacitors and testing capacitors against standard tolerances. Optional software and cabling is available for PC based data logging and monitoring

- Auto ranging
- Dual display simultaneously displays value and deviation from selected tolerance
- Sort on preset tolerance of 1, 5, 10%
- Program unique values to sort for specific circuit applications
- USB PC interface for data logging software available

Part No.	Description	Price
01CT830	Auto Ranging Cap Meter	$289.00

GW INSTEK HIGH PRECISION LCR METERS

MODEL LCR 819 & MODEL LCR821

- Measures capacitance, resistance and inductance.
- 12Hz to 100KHz, 503 continuously variable frequencies.
- .05% high measurement accuracy.
- 100 sets memory for save/recall of setup state.
- R/Q, C/D, C/R, L/Q test modes.
- Absolute Value, Δ Value, and Δ% measurement display.
- 240 x 128 dot matrix LCD display.
- Test condition and test result shown on screen simultaneously.
- Kelvin probe set included (LCR06).
- ***MODEL LCR 821***: Features a 200kHz frequency ramp, additional test modes plus RS232 and software included.

Part No.	Description	Price
01LCR819	LCR Meter Model LCR 819	$1,655.00
01LCR821	LCR Meter Model LCR 821	2,295.00
01LCR05	Test Fixture For Radial Leads	189.00
01LCR08	Test Fixture for SMD Components	235.00

RSR CLAMP METER DIGITAL

MODEL M9912

- **Display:** Digital and analog display, 3200 counts and 33 segments bar graph.
- **DC Voltage**: 3/30/300V 0.8%, 1000V 1.0%.
- **AC V oltage**: 3/30/300V 1.0%, 750V 1.2%.
- **DC Current:** 300/1500A <600A 2.0% >600A 3.0%.
- **AC Current**: 300A, 1500A <600A 2.0% >600A 3.0%.
- Max diameter for conductor 50mm.
- **Resistance:** 300/3K/30K/300K/3MΩ 1.5%, 30mΩ 2.0%.
- **Frequency**: 30KHz 2.0%
- Diode test, data hold.
- Continuity test, back light.
- Autorange and manual range.
- **Size**: 11' x 4.1" x 1.9"; **Weight**: 1.1 lb.

Part No. 01M9912 • Price: $82.00

tpi TRUE RMS CLAMP METER WITH HARMONICS FEATURE

MODEL TPI 296

- True RMS for accurate readings of non-linear loads.
- **HDR Mode** – Displays harmonic distortion ratio on ACV and ACA at line voltage and 60Hz. Determine if signal clean or distorted.
- **Trim Mode** – Averages readings for more stable output to display.
- **Peak Hold** – Measures in-rush current of motors, relays and solonoids.
- Min, max and average recordings.
- Measures frequency of current while simultaneously displays current level on bar graph display.
- Data hold, sleep mode, three year warranty, soft pouch included.

DCV: 750V, 3 Ranges. 0.75% Accuracy
ACV: 750V, 3 Ranges
AC Current: 700 Amp, 3 Ranges
DC Current: 700 Amp, 2 Ranges
Resistance: 40K, 3 Ranges
Frequency: 10KHz, 2 Ranges

Part No.	Description	Price
01CM296	TPI Model 296	$196.00
01A201	Hard Carrying Case	9.90

B&K PRECISION AC/DC TRUE RMS CLAMP METER

MULTIFUNCTION / 1000A – *MODEL 369B*

All of B+K Precision clamps are much more than a current clamp offering the ability to measure, voltage resistance, capacitance and even frequency. Additionally, special features allow for the recording of minimum and maximum values, peak values, test diodes and for continuity.

- Measures up to 1000A
- Measures up to 1000VDC & 750Vac
- Jaw openings 2.24"

Part No. 01BK369 • Price: $209.00

B&K PRECISION CLAMP METER

MODEL 367A

- DC & AC current to 2000A (2 ranges)
- DC voltage to 200V
- AC voltage to 750V
- Resistance to 2KΩ
- Peak Hold, Data Hold
- 1 3/4" clamp opening

Part No. 01CM367 • Price: $225.00

RSR AC/DC DIGITAL CLAMP METER

MODEL MS2138

- Double insulation (600V CATIII rating)
- **AC and DCV:** Four ranges to 600V
- **AC and DC Current:** Two ranges to 600A
- **Resistance:** To 40M in six ranges
- **Frequency:** 100KHz from test terminal, 400Hz from current clamp
- Back-lit 3999 count display with 42 segment bar graph
- **Standard Features:** Auto/manual ranging, auto zero key for DCA, data hold, min/max, jaw lighting, auto power off, continuity and diode tests

Part No. 01MS2138 • Price: $62.95

EXTECH INSTRUMENTS CLAMP METERS

MODELS MA200, MA220

- Compact size
- Auto power off
- One touch "Auto Zero" ***(MA220)***
- Temperature, frequency and capacitance ***(MA220)***
- 2,000 count ***(MA200)***, 4,000 count ***(MA220)***
- **AC/DC Volts:** 600V
- **AC Current:** 400A
- **DC Current:** 400A ***(MA220)***

Part No.	Description	Price
01MA200	400A AC Clamp	$54.94
01MA220	400A AC/DC Clamp	109.99

MA200 **MA220**

EXTECH INSTRUMENTS CLAMP METERS

MODELS EX710, EX810, EX830

- True RMS ***(EX830)***
- Frequency, temperature, capacitance
- **AC Current:** 1,000A ***(EX810, EX830)***; 800A ***(EX710)***
- **DC Current:** 1,000A ***(EX830)***
- **AC/DC Volts:** 600V
- **Temperature (IR):** –58 to 518 F ***(EX830)***

Part No.	Description	Price
01EX710	800A, Clamp	$89.99
01EX810	1,000A, Clamp	149.99
01EX830	1,000A, True RMS Clamp	219.99

EX810, EX830 **EX710**

TRIPLETT CORPORATION AC/DC CLAMP-ON METER

TRUE RMS *MODEL 9325*

- CAT III 600V
- AD/DC current to 1000 A
- Resistance to 60 M Ohm; Frequency Ranges 10 Hz to 10 KHz
- AC Voltage sensor with visual notification

Part No. 01TR9325 • Price: $149.00

RSR

AC/DC DIGITAL CLAMP METER

MODEL MS2138

- Double insulation (600V CATIII rating)
- **AC and DCV:** Four ranges to 600V
- **AC and DC Current:** Two ranges to 600A
- **Resistance:** To 40M in six ranges
- **Frequency:** 100KHz from test terminal, 400Hz from current clamp
- Back-lit 3999 count display with 42 segment bar graph
- **Standard Features:** Auto/manual ranging, auto zero key for DCA, data hold, min/max, jaw lighting, auto power off, continuity and diode tests

Part No. 01MS2138 • Price: $62.95

AMPROBE

AC LINE SPLITTER

MODEL ELS2

- Measures load current without splitting line cord
- X1 and X10 measurement points
- Built-in voltage measurement jack

Part No. 01ELS2 • Price: $18.90

BK PRECISION

CLAMP METERS

MODELS 312B, 313A – MINI AC CLAMP METERS
MODEL 316 – MILLI-AMP AC/DC CLAMP METER

These models offer, in addition to current reading, the ability to measure voltage and resistance. Practical where a traditional sized meter may be to cumbersome to use. Features include, overload protection, low battery indicator, 0.98" clamp opening size, continuity test, 2 times/sec. sample rate, auto ranging, data hold. Model 316 also features a 4 digit display, and auto-off.

312B 313A 316

RATINGS	313A	312B	316
AC Current	600A	200/600A	100A
DC Current	600A	100A	
AC Voltage	600V	200/600V	600V
DC Voltage	600V	—	600V
Resistance	1K	200 Ohm	10K

Part No.	Description	Price
01CM312	BK Model 312B mini clamp meter	$85.00
01CM313	BK Model 313A mini clamp meter	159.00
01CM316	BK Model 316 milli-amp clamp meter	169.00

FLUKE

CLAMP METERS

MODELS: 373; 374; 375;376

Work horse clamps with increased perfmance and flexiblility

373 374

375 376

- True RMS current and voltage (All models)
- AC/DC Volts: 600
- AC Current: 600A; 1000A (376 only)
- Resistance: 6K Ohm (373, 374); 60K Ohm (375 & 376)
- Auto shut-off, display hold
- Frequency: 500HZ (375, 376)
- Capacitance 1-1000uF
- Flex Probe: 18"; flex probe can measure up to 2500A (Model 376)
- Soft carry case
- Warranty: three years

Part No.	Description	Price
01FL373	Clamp Meter 373	$169.00
01FL374	Clamp Meter 374	260.00
01FL375	Clamp Meter 375	270.00
01FL376	Clamp Meter 376 with iFlex™	345.00

FLUKE

CLAMP METER

MODEL 374 TRUE-RMS AC/DC

The Fluke 374 True-rms Clamp Meter can read up to 600 V and 600 A in both ac and dc modes. Additionally, the 374 is compatible with the new iFlex flexible current probe (sold separately), which increases the measurement range to 2500A AC and provides increased display flexibility, and improved wire access.

Part No.	Description	Price
01FL374	True-RMS AC/DC Clamp Meter 374	$250.00

AMPROBE

3 3/4 DIGIT AC CLAMP METERS

AUTORANGING, TRUE RMS
MODELS AC65, AC68

AC65 AC68

- **AC Current** (400A/600A)
- **DC Voltage:** 600V ***(AC68)***
- **AC Voltage:** 600V
- **Resistance:** 40K
- **Frequency:** 20KHz ***(AC68)***
- **Counts:** 4,000

Part No.	Descr.	Price
01CMAC65	AC65	149.00
01CMAC68	AC68	175.00

TACHOMETER PHOTO/CONTACT

MODEL DT2236

- Photo tach. 5 to 100,000 RPM
- Contact tach. 0.5 to 19,999 RPM Includes both a photo and contact tachometer into one precision instrument. Comes complete with accessories, reflective tape and carrying case.
- Can measure surface speed

Part No.	Price
01DT2236	$155.00

DIGITAL STROBOSCOPE

- 100–10,000 RPM/flash per min.
- **Accuracy**: (.05% +1d)
- Xenon flash tube, 8mm red LED
- **Size:** 210 x 120 x 120 mm

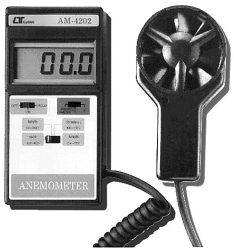
Part No. 01DT2239A • Price $211.00

DIGITAL STROBOSCOPE W/ RS232 INTERFACE

- Range**:** 20 to 10,500 RPM/flash per min
- RPM setting by push button
- External trigger signal input for simultaneous test of measurement
- RS232 computer interface

Part No. 01DT2269 • Price: $235.00

RSR〰 DIGITAL ANEMOMETER W/TEMP.



- Measures wind speed in m/s, km/hr, ft/min. and knots & temperature
- Twisted vane arms sensor
- Data hold
- Accuracy: 2% + 1 digit
- Sensor head: 2.8" dia.

Equipped with conventional twisted vane arms sensor, it is sensitive to low wind speed and can measure as high as 90 miles/hr. It is used in wind tunnel, heating/air conditioning, and automotive applications.
Complete with sensor probe and manual.

Part No. 01AM4202 • Price: $145.00

RSR〰 PH METER

- 0 to 14 pH x .01 pH
- Max, min., memory recall button
- -P circuit with LCD display
- pH, mV, temp., manual temp adj.
- PH electrodes *(optional)*

Part No.	Description	Price
01PH207HA	PH Meter	$95.00
01PE03	Electrode, General Cost Effective	26.00
01PE01	Electrode, Laboratory, High Quality and Field Usage	50.00

RSR〰 LIGHT METER

MODEL LX - 101

- 0-50,000 Lux in 3 ranges
- Accuracy 5% + 2 digits
- Size: 4.3" x 2.9" x 0.9"
- Spectrum meets C.I.E. photopic
- Equipped with precision selenium photo-voltaic cell. Ideal for photographers and lighting industry. Complete with light sensor, carrying case and manual

Part No.	Price
01LX101	$65.95

RSR〰 LIGHT METER

- 2,000/20,000/100,000 Lux
- Data hold
- Tungsten, fluorescent, mercury sodium — 7 light type select
- Microprocessor circuit
- Size: 185 x 78 x 38 mm

Part No. 01LX107HA • Price: $80.00

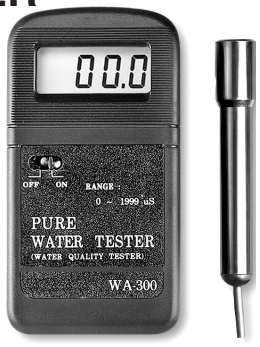
RSR〰 HUMIDITY/TEMPERATURE METER WITH RS232 INTERFACE

MODEL MS6503

- Simultaneous display both RH and temp
- Adjustable interval data logging
- **Humidity:** Range 0 ~ 100%, 0.1% resolution, 2.5% accuracy
- **Temperature:** Range –20 C ~ 60 C, –4 F ~ 140 F, resolution 0.1 C, 0.1 F, accuracy 0.7 C, 1.4 F
- 4 digit LCD with backlight, min/max, data hold, timer, auto off, compact size and weight
- **Response Time:**
  Humidity – 75 sec. in slowly moving air
  Temp – 40 sec in slowly moving air
- Unit comes complete with manual, battery, case, software, cable, probe

Part No. 01HT6503 • Price: $169.00

PURE WATER TESTER



Displays water purity by measuring its conductivity. Using this meter you can quickly evaluate the effectiveness of water filters, purity of water used for industrial process, or just for drinking. Does not detect toxic particles.

Display: 31/2 LCD
Measurements:
0-1999 S (micro Siemens)

Part No. 01WA300 • Price: $89.00

SOUND LEVEL METER

- **Range:** Lo - 35db to 90db, Hi - 75dB to 130dB
- **Accuracy:** 1.5dB (ref 94dB @ 1KHz)
- **Standard:** IEC 651 Type 2
- **Frequency Range**: 32Hz to 8000Hz
- Slow and fast time weighing characteristics
- **Operating Temperature**: –10 C to 50 C, <90% R.H.
- **Battery:** 4 x AAA
- **Dimensions:** 215mm(H) x 44mm(W) x 40mm(D).
- **Weight:** 170g

Part No. 01SL650 • Price: $85.00

DIGITAL SOUND LEVEL METER

- 30-130 db in 3 ranges
- 0.1 db resolution
- 94.0 db calibration built-in
- Max hold; 0.7 db accuracy
- Size: 8" x 3.2" x 1.4"; wt. 10 oz.

It uses condenser microphone for high accuracy and stability. An extra analog output signal can be used for control, data-analysis and recording. Widely used in audio system testing, heating and air-conditioning, work place sound level testing, and highway environmental impact.

Part No. 01SL4001 • Price: $169.95

SOUND LEVEL METER – TYPE 1

- Frequency and time weighting meet IEC651 type 1
- 30 to 130db, 3 ranges
- Max. hold, data hold
- AC out
- Internal 94db calbration
- Size: 260 x 87 x 36 mm

Part No. 01SL4022 • Price $235.00

EXTECH INSTRUMENTS DIGITAL SOUND METER 40-130 ODB WITH LCD DISPLAY

Features:
- 2dB accuracy with 0.1dB resolution
- A+C weighting
- AC analog output
- Record Max/Min values over time
- Utilizes 0.5"(12.7mm) electret condenser microphone

Part No. 01EX3407730 • Price $89.99

BK PRECISION INSULATION TESTERS

These are intended primarily for periodic testing of industrial motors, transformers, electrical wiring and cable insulation for signs of deterioration. Useful for testing of TV sets and appliances to assure no hazardous leakage current.

Model 307A

Model 308A

- Selectable 250V, 500V or 1,000V insulation test
- Low resistance test
- Extra rugged integral carrying case
- Push to test
- ***Model 308*** offers higher accuracy and digital display

Part No.	Description	Price
01BK307	Analog	$205.00
01BK308	Digital	279.00

EXTECH INSTRUMENTS NON CONTACT VOLTAGE & CURRENT DETECTORS

MODEL 40130

Non-contact AC voltage from 100 VAC to 600 VAC. Flashing LED & push button ON/OFF beeper.

MODEL DV30

Non contact AC Voltage Detector (12V to 600V AC). Sensitivity adjustment available

MODEL DVA30

Non contact AC Voltage and Current Detector. AC voltage (12V to 600V), AC current (200mA to 1000A). Sensitivity adjustment available.

Part No.	Model	Price
01EX40130	40130	$11.99
01DV30	DV30	14.95
01DVA30	DVA30	44.99

TRIPLETT

RECEPTACLE TESTER GFCI

PLUG BUG

- For use on 110-125 VAC receptacles
- Detects common wiring problems in standard and (GFCI) ground fault circuit interrupter outlets
- To test, simply plug into receptacle, push the TEST button and observe the light pattern
- One Year Limited Warranty

Part No. 29TR9610 • Price: $8.90

RSR EMF TESTER

ELECTROMAGNETIC FIELD TESTER

- **Range:** 20/200/2,000 micro Tesla 200/2,000/20,000 milli-Gauss
- Separate Probe
- **Size:** 163 x 70 x 33 mm

Part No. 01EMF827 • Price: $99.00

SonicTechnology

ELECTROMAGNETIC FIELD DETECTOR

ELECTROSENSOR

MODEL ES9000

Laboratory studies have shown that EMFs can affect living cells but it is unclear whether these effects are harmful. Current research is expected to provide more answers about potential health effects within the next few years. Until then, it's best to play it safe and know the level of EMFs in your home and work environment. With the push of a button on the hand-held meter, the ElectroSensor quickly and accurately measures the level of EMFs emitted by all common electrical appliances and equipment. L.E.D. scale measures from 1.5 mG to 30 mG.

Part No. 01ES9000 • Price: $29.95